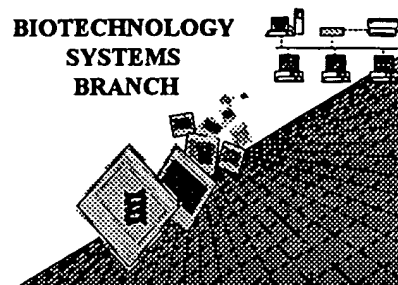Zaghmout

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/894,356A

Art Unit / Team No. : 1649

Date Processed by STIC: 1/13/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

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ARTI SHAH 703-308-4212

Zaghrount.

1649

PAGE: I

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/894,356A*

DATE: 01/13/99
TIME: 16:34:07

INPUT SET: S30733.raw

> **This Raw Listing contains the General Information Section and those Sequences containing ERRORS.**

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 1                                SEQUENCE LISTING  Corrected Diskette Needed / Does Not Comply
 2
 3    (1)     General Information:
 4
 5      (i) APPLICANT: ASHIKARI, Toshihiko
 6                    TANAKA, Yoshikazu
 7                    FUJIWARA, Hiroyuki
 8                    NAKAO, Masahiro
 9                    FUKUI, Yuko
10                    SAKAKIBARA, Keiko
11                    MIZUTANI, Masako
12                    KUSUMI, Takaaki
13
14     (ii) TITLE OF INVENTION: GENE ENCODING A PROTEIN HAVING ACYL
15          GROUP TRANSFER ACTIVITY
16
17    (iii) NUMBER OF SEQUENCES: 31
18
19     (iv) CORRESPONDENCE ADDRESS:
20          (A) ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
21          (B) STREET: 1737 King Street, Suite 500
22          (C) CITY: Alexandria
23          (D) STATE: Virginia
24          (E) COUNTRY: United States
25          (F) ZIP: 22314-2756
26
27      (v) COMPUTER READABLE FORM:
28          (A) MEDIUM TYPE: Floppy disk
29          (B) COMPUTER: IBM PC compatible
30          (C) OPERATING SYSTEM: PC-DOS/MS-DOS
31          (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
32
33     (vi) CURRENT APPLICATION DATA:
34          (A) APPLICATION NUMBER: US 08/894,356
35          (B) FILING DATE: 18-AUG-1997
36          (C) CLASSIFICATION:
37
38    (vii) PRIOR APPLICATION DATA:
39          (A) APPLICATION NUMBER: JP 7-67159
40          (B) FILING DATE: 17-FEB-1995
41
42    (vii) PRIOR APPLICATION DATA:
43          (A) APPLICATION NUMBER: JP 7-196915
44          (B) FILING DATE: 29-JUN-1995
45
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46    (vii) PRIOR APPLICATION DATA:
47          (A) APPLICATION NUMBER: JP 8-46534
48          (B) FILING DATE: 30-JAN-1996
49
50    (vii) PRIOR APPLICATION DATA:
51          (A) APPLICATION NUMBER: WO PCT/JP96/00348
52          (B) FILING DATE: 16-FEB-1996
53
54   (viii) ATTORNEY/AGENT INFORMATION:
55          (A) NAME: Meuth, Donna M.
56          (B) REGISTRATION NUMBER: 36,607
57          (C) REFERENCE/DOCKET NUMBER: 001560-308
58
59     (ix) TELECOMMUNICATION INFORMATION:
60          (A) TELEPHONE: (703) 836-6620
61          (B) TELEFAX: (703) 836-2021
62
63
```

ERRORED SEQUENCES FOLLOW:

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836    (2) INFORMATION FOR SEQ ID NO:6:
837
838         (i) SEQUENCE CHARACTERISTICS:          1522 shown (next page)
-->  839             (A) LENGTH: 1521 base pairs
840             (B) TYPE: nucleic acid
841             (C) STRANDEDNESS: double
842             (D) TOPOLOGY: linear
843
844        (ii) MOLECULE TYPE: cDNA to mRNA
845
846       (iii) HYPOTHETICAL: NO
847
848        (iv) ANTI-SENSE: NO
849
850        (vi) ORIGINAL SOURCE:
851             (A) ORGANISM: Lavandula angustifolia
852             (F) TISSUE TYPE: petal
853
854       (vii) IMMEDIATE SOURCE:
855             (A) LIBRARY: cDNA library
856             (B) CLONE: pLAT21
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858        (ix) FEATURE:
859             (A) NAME/KEY: CDS
860             (B) LOCATION: 1..1352
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862
863        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
864
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INPUT SET: S30733.raw

--> 865   NTG ACC ACC CTC CTC GAA TCC TCC CGA GTG GCG CCG CCT CCA GGC ACG
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     870   Val Ala Glu Gln Ser Leu Pro Leu Thr Phe Phe Asp Met Thr Trp Leu
     871   20   25   30
     872
     873   CAT TTC CAC CCC ATG CTT CAG CTT CTC TTC TAC GAA CTC CCC TGT TCC
     874   His Phe His Pro Met Leu Gln Leu Leu Phe Tyr Glu Leu Pro Cys Ser
     875   35   40   45
     876
     877   AAA CCC GCC TTC CTC GAA ACC GTC GTT CCG AAA CTC AAA CAA TCC TTA   191
     878   Lys Pro Ala Phe Leu Glu Thr Val Val Pro Lys Leu Lys Gln Ser Leu
     879   50   55   60
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     881   TCT CTA ACC CTC AAA CAC TTC TTC CCC CTT TCA TGC AAT CTA ATC TAC   239
     882   Ser Leu Thr Leu Lys His Phe Phe Pro Leu Ser Cys Asn Leu Ile Tyr
     883   65   70   75   80
     884
     885   CCT CTA TCG CCG GAG AAA ATG CCG GAG TTC CGG TAT CAG AAC GGT GAC   287
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     887   85   90   95
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     889   TCG GTT TCT TTC ACG ATT ATG GAG TCT GTC GGA GAT CAT CCG CAT TCC   335
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     891   100   105   110
     892
     893   GCT CAT AAA TAC TAC TGC TTT GCC CCT AGC GAC GAT TAT GAA GAT CTC   383
     894   Ala His Lys Tyr Tyr Cys Phe Ala Pro Ser Asp Asp Tyr Glu Asp Leu
     895   115   120   125
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     897   CAG CTG CCG CCG ATA GTC GAG GAA TCT GAT CGG AAA TTG TTT CAA GTT   431
     898   Gln Leu Pro Pro Ile Val Glu Glu Ser Asp Arg Lys Leu Phe Gln Val
     899   130   135   140
     900
     901   TTA GCC GTG CAA GTG ACT CTG TTT CCC GGT CGC GGG GTG TGC ATC GGA   479
     902   Leu Ala Val Gln Val Thr Leu Phe Pro Gly Arg Gly Val Cys Ile Gly
     903   145   150   155   160
     904
     905   ATA ACG ACG CAC CAC ACC GTT AGC GAT GCT CCA TCG TTT GTA GGG TTT   527
     906   Ile Thr Thr His His Thr Val Ser Asp Ala Pro Ser Phe Val Gly Phe
     907   165   170   175
     908
     909   ATG AAG AGT TGG GCT TCC ATC ACT AAA TTC GGA GGA GAT GAT GAA TTC   575
     910   Met Lys Ser Trp Ala Ser Ile Thr Lys Phe Gly Gly Asp Asp Glu Phe
     911   180   185   190
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     913   TTG GAC GGA AAA GGT GAA TGT TTG CCG GTT TTC GAC CGA TCG CTC GTG   623
     914   Leu Asp Gly Lys Gly Glu Cys Leu Pro Val Phe Asp Arg Ser Leu Val
     915   195   200   205
     916
     917   AAT TAT CCG CCT AAA TTG GAC ACA TAT TTA TGG AAC AAC GCG CAG AAA   671

INPUT SET: S30733.raw

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921    CGT CCG TTG GAA TCG CAG CAT CCA TCT TTA CCG ACG GAT CGG ATT CGA    719
922    Arg Pro Leu Glu Ser Gln His Pro Ser Leu Pro Thr Asp Arg Ile Arg
923    225             230             235             240
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925    GCT ACC TAC CTT TTC ACC CAA TCT GAA ATT AAG AAA TTG AAG GGT TTG    767
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927                245             250             255
928
929    ATT CAG AGA AAA GCC CCA AAT GTA GTT AAT CTC TCT TCC TTC GTC GCG    815
930    Ile Gln Arg Lys Ala Pro Asn Val Val Asn Leu Ser Ser Phe Val Ala
931            260             265             270
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933    ATC GCA GCT TAT ATC TGG ACC GGC ATC GCC AAA TCG GTC GGA GAT TAC    863
934    Ile Ala Ala Tyr Ile Trp Thr Gly Ile Ala Lys Ser Val Gly Asp Tyr
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936
937    AAA GAC GTG GAT GAC GAC AAA CGC GCT TTC TTT TTA ATT CCG ATC GAT    911
938    Lys Asp Val Asp Asp Asp Lys Arg Ala Phe Phe Leu Ile Pro Ile Asp
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940
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942    Leu Arg Pro Arg Leu Asp Pro Pro Ala Pro Gly Asn Tyr Phe Gly Asn
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945    TGT CTA TCG TTT GCG ATG GCG AAG ATC CTG CGG CGG GAT TTG GTC GGA    1007
946    Cys Leu Ser Phe Ala Met Ala Lys Ile Leu Arg Arg Asp Leu Val Gly
947                325             330             335
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949    GAT GAA GGG GTG TTT CGG GCA GCT GAG GCG ATC GCG GCG GAA ATA GAG    1055
950    Asp Glu Gly Val Phe Arg Ala Ala Glu Ala Ile Ala Ala Glu Ile Glu
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953    AAG AGG ACG AGC GAC AAG AAG ATT CTA GAA ACT GTG GAG AAC TGG CCG    1103
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956
957    TCT GAG ATT CGC GAA GCC TTG CAA AAC TGT TAT TTC TCG GTG GCG GGA    1151
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961    TCG AGC AGG CTT GAT CTT TAC GGC GCG GAT TTT GGA TGG GGT AAG GCG    1199
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964
965    GTG AAG CAA GAG ATA CTG TCG ATT GAT GGA GAG AAG TTT ACG ATG TCG    1247
966    Val Lys Gln Glu Ile Leu Ser Ile Asp Gly Glu Lys Phe Thr Met Ser
967                405             410             415
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969    TTG TGT AAA CCG AGG GAT GCT GCC GGA GGA TTG GAG GTT GGA TTG TCT    1295
970    Leu Cys Lys Pro Arg Asp Ala Ala Gly Gly Leu Glu Val Gly Leu Ser
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RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/894,356A*

INPUT SET: S30733.raw

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975        435              440              445
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977   ATA AAG GGT TGATTAATCA TTTAATCATG TATTATGAAG TTGGATGAAA             1392
978   Ile Lys Gly
979        450
980
981   TCCTCTGTTT CATCTCTATT GTTTAAACAA TAATTTTTTT CCATTGAACT TTTTTGAGTC    1452
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983   AATAAAAAAA AAAAAAAAAA AAAAAAAATG AAAAAACTCA GTTATTTTTT TTTTTTTTTT    1512
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985   TTTTTTTTT                                                          1521
986
987
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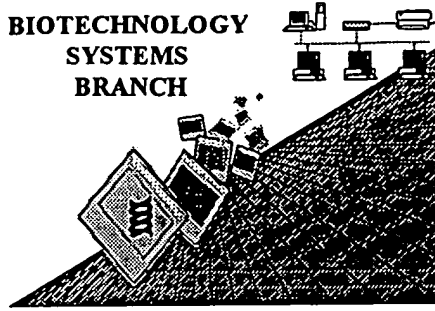
SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/894,356A*

INPUT SET: S30733.raw

Line	Error	Original Text
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865	# of Sequences for line conflicts w/ running total	NTG ACC ACC CTC CTC GAA TCC TCC CGA GTG GC

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SYSTEMS
BRANCH

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Applicant Aid for Biotechnology Computer Readable Form (CRF)
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The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CRF 1.821 through 1.825).
Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

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The software can be accessed/requested from the following locations:

1) Dial-up access through the Internet. Location is ftp://ftp.uspto.gov
   The software is in current directory: pub/checker/
   Download all the files. Cost: Free-of-charge

3) For diskette copies, mail to: U.S.P.T.O., OEIP, CRYSTAL PARK 3, SUITE 441
   WASHINGTON DC 20231

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